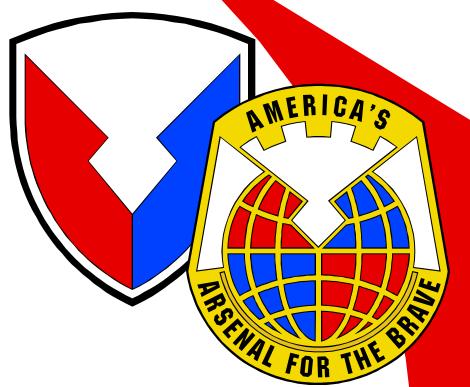
Presented by:

MG John S. Caldwell, Jr.

DCSRDA

DCS for Research,
Development, and Acquisition
Acquisition and Technology
21-25 June 1999

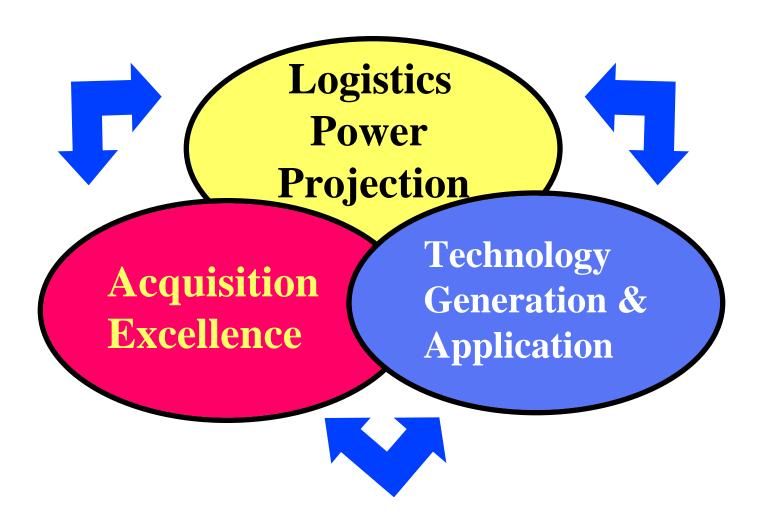
Army Materiel Command



AMC - Relevant, Responsive & Ready!



AMC Core Competencies





Making Acquisition and Technology Work for the Soldier

Force XXI and Army After Next...

DCS RDA Thrusts

- Science/Technology
- **Acquisition Reform**
- Experiments
- Field Division/Corps
- War Games
- Investment Portfolio

1998



Current Army

- OPMS XXI, **New OER System**
- Force XXI Changes
- Resource Realities

2010



Army XXI

- **Mental Agility**
- Integrated Joint Force
- Digitized Corps

2025



Army After Next

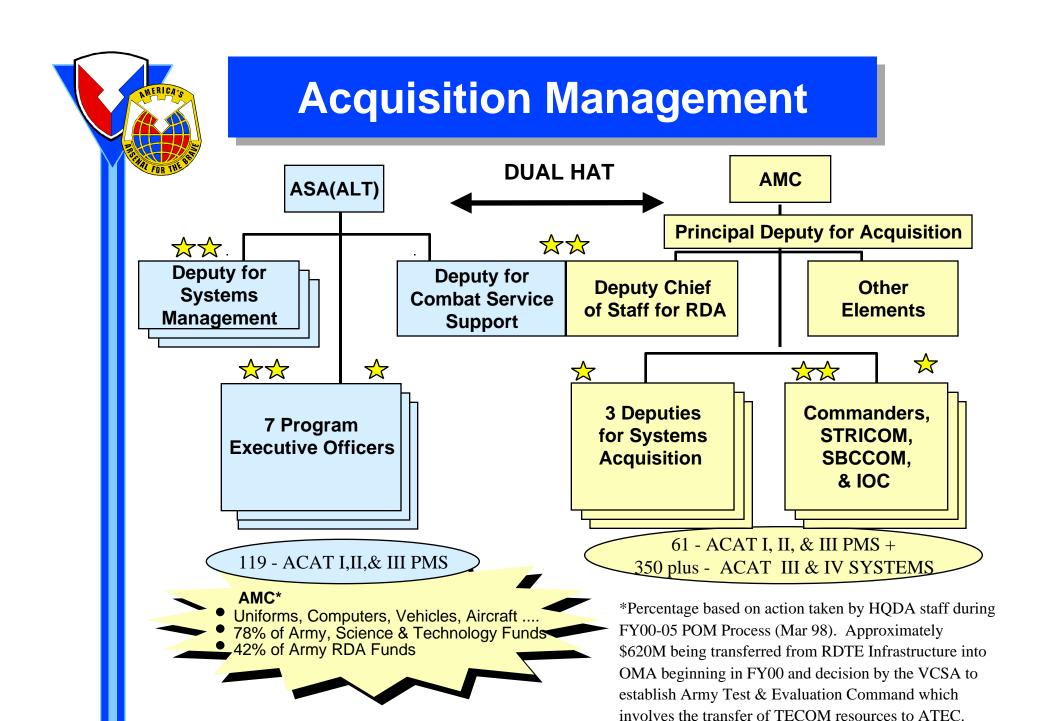
- Mental & Physical Agility
- "Leap Ahead" Systems
- Rapid, Strategic Maneuver

Mid-term

Long-term

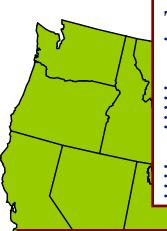
Force XXI Process

Army After Next Process





Army Materiel Command Project/Program Managers



TACOM

- Tank-Automotive Weapon Systems (TAWS)
 - Construction Equipment/Materiel Handling Equipment (CE/MHE)

 M113/M60 Family of Vehicles (FOV)

 Petroleum & Water Systems (PAWS)
- Light Armored Vehicle (LAV)
- Mortars
- Small Arms
- Future Scout and Cavalry System (FSCS) Combat Mobility Systems (CMS)
- - Grizzly
 - Wolverine
 - Hercules
- Paladin
- Mines, Countermines, and Demolition (MCD)
- **Heavy Tactical Vehicles**
- Light Tactical Vehicles

SBCCOM

- **Smoke Obscurants**
- Nuclear, Biological and Chemical Defense
 - Nuclear, Biological and **Chemical Reconnaissance Vehicle**
- **Chemical Stockpile Emergency Preparedness** Program
- Soldier
 - Enhanced Soldier System
 - Land Warrior
- **Force Provider**
- Soldier Support

USASAC · Saudi Arabia **National Guard**

AMCOM

- Fixed Wing Aircraft (FWA)
- **SPO 132**
- Air Traffic Control (ATC)
- **Test, Measurement and Diagnostic** Equipment (TMDE)
- Automatic Test Support System (ATSS)
 Test Equipment Modernization/
 Calibration Sets Equipment Program
 (TEMOD/CALSETS)
 Unmanned Ground Vehicle (UGV)
- Scout/Attack helicopter
- **Utility Helicopter**
- Multi-purpose Individual Munition/ Short Range Assault Weapon (MIPM/SRAW) Enhanced Fiber Optic Guided Missile (EFOG-M)
- Short Range Air Defense (SHORAD)
 - Stinger Missile

ACATI = 2**ACAT II = 11** ACAT III/IV = 350+

IOC

• 2.75" Rocket Systems

CECOM

- **Defense Communications & Army** Transmission Systems (DCATS)
 - **Defense Satellite Communication Systems Installation**
 - **Defense Satellite Communication Systems Terminals**
- **Information Management and Telecommunications Pentagon Renovation**
- Information Tech Services **Defense Communications & Army** Switched Systems (DCASS)
 - Defense Data Network (DDN)
- **Digital Switched Systems Modernization** Program Mobile Electric Power (MEP)

- Small Computers Information Warfare
- Global Positioning System (GPS)
- Firefinder
- **Physical Security Equipment**

STRICOM

- **Training Devices (TRADE)**
 - Ground Combat Training Systems
 Air and Command Training Systems
- Live Training Systems
 Instrumentation, Targets and Threat
 Simulators (ITTS)
- **Combined Arms Tactical Trainers (CATT)** Synthetic Environments and Advanced Distributed Simulations (SEADS)
- Warfighter Simulation (WARSIM)
 - Command, Control, Communications, **Computers, and Intelligence Simulation** Systems (C4ISS)



Unexploded Ordnance Center of Excellence



*** Includes the following:**

- Detection
- Location
- •Access
- •Identification/Evaluation
- Neutralization
- •Recovery
- Disposal
- •Training
- •Breaching

•For Further Information Please Contact: Dick Weaver, Director Joint UXO Coordination Office 703-704-1090/ dweaver@nvl.army.mil



TRADOC/AMC Partnership



Success Story

Assure Warfighting relevance and focus Army S&T investments

Purpose

- •Shared goals -- a joint approach to issues
- Speak with a single voice
- •Synchronize MATDEV/CBTDEV

History/Accomplishments

- •FOCs Common Language
 - •Materiel Developer involvement in FOC Workshop
- •IPT for S&T review process
- •ATD Plan Process Streamlining
- •ICT participation with industry

Process

- •Two conferences/year
- •COL level VTCs
- •A/O meetings, regular azimuth checks

33 AMC People at the Battle Labs

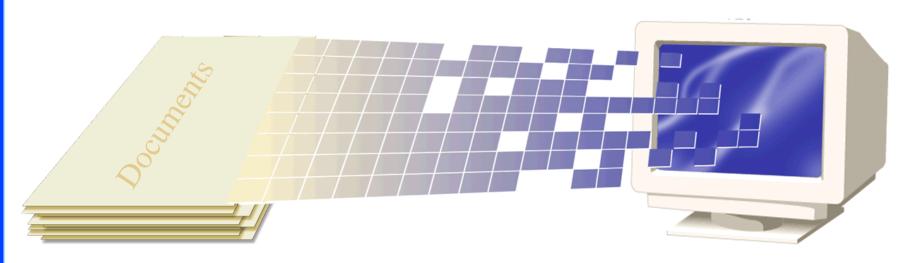
WRAP

Fertile environment for a closer partnership



Web-Electronic Contracting

- Key Element of Army's Paperless Acquisition Vision
 - Seamless Electronic Interface to Industry
- Harnesses Power of the World Wide Web for:
 - Contracting Opportunities (Solicitations & Awards)
 - Technical Data Packages





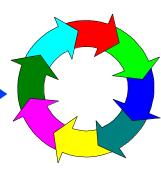
Current Contracting Techniques



Credit Cards



Electronic Ordering





Flexible Long Term Contracting



Alpha Contracting



Source Selection

Select the Best Contractor for the Job



Best Value = A goal - \$ not a procedure!

Best Practices Guide AMC Pam 715-3

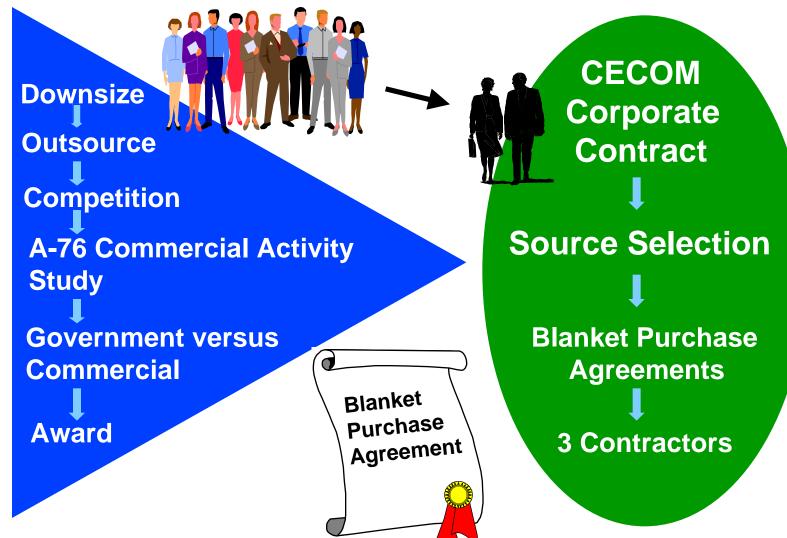


Consolidates, repackages proven practices

Available via Web at: http://www.army-acquisition.net



A-76 Corporate Contract





Cycle Time Reduction

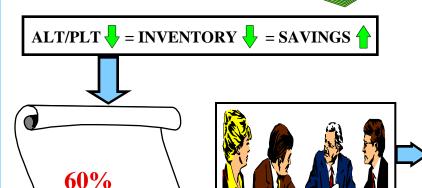
AMSAA estimates savings from inventory of \$200M;

• \$73M FY95-97

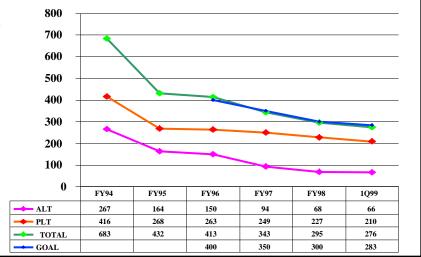
Reduction

Since FY94

• \$127M in 98-03 POM



Administrative/Production Lead Time (ALT/PLT) Dollar Weighted Days



KEY TECHNIQUES:

- Teamwork
- Flexible Long-Term Contracts
- Electronic Ordering
- Advance TDP Updating
- Direct Vendor Delivery
- Challenge Industry To Reduce PLT



Reengineering the Business Process

CONTRACTING BLUEPRINT XXI



•Team of senior contracting experts from subordinate commands, HQ, FORSCOM, and TRADOC



INDUSTRY SURVEY REPORT
Published March 1998-on AMC Home Page
Many Similar Trends Govt/Ind



IMPROVEMENTS

- 1. Corporate contracts
- 2. Skill sharing
- 3. Outsourcing
- 4. Base operations
- 5. Workforce Planning
- 6. Automation
- 7. Integrated Business
 Teams

TRENDS

- Contracting Officers Business Mgrs.
- Increased use of IPTs
- Automation investment paperless office

Making Acquisition and Technology Work for the Soldier **Logistics Acquisition Web-Electronic Power Projection** Contracting Excellence > Source Selection - User, developer, and industry to generate requirements and **Direct Vendor** warfighting capability **Delivery Credit Cards** Oral Cycle **Alpha Presentations** Time **Flexible Long** Contracting Reduction **Army After Term Contracting Next** 2025 **Electronic Business Process Ordering** A-76 **Army XXI** 2010 **Today's Army AOE** 1990 TRADOC/AMC Technology **Partnership Generation Dual Hatted PM Transfers** AMC/SARDA